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Response under 37 C.F.R. 1.116  
Expedited Procedure Requested  
Examining Group. 2811

In re application of : Douglas D. COOLBAUGH et al.

Application No. : 10/707,905

Filed : January 23, 2004

Attorney Docket No. P27191  
Group Art Unit: 2811

For : STRUCTURE AND METHOD FOR HYPER-ABRUPT  
JUNCTION VARACTORS

Examiner: Shouxiang Hu

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AF  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:  
Transmitted herewith is an **Amendment under 37 C.F.R. 1.116** in the above-captioned application.

- Small Entity Status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a previously filed statement.  
 A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.  
 A Request for Extension of Time.  
 No additional fee is required.

The fee has been calculated as shown below:

Claims After Amendment	No. Claims Previously Paid For	Present Extra	Small Entity		Other Than A Small Entity	
			Rate	Fee	Rate	Fee
Total Claims: 13	*23	0	x25=	\$	x 50=	\$0.00
Indep. Claims: 3	**3	0	x100=	\$	x200=	\$0.00
Multiple Dependent Claims Presented			+180=	\$	+360=	\$0.00
Extension Fees for _____ Month(s)				\$		\$0.00
			Total:	\$	Total:	\$0.00

\* If less than 20, write 20

\*\* If less than 3, write 3

Please charge my Deposit Account No. 09-0456 in the amount of \$\_\_\_\_\_.

N/A A check in the amount of \$\_\_\_\_\_ to cover the filing/extension fee is included.

X The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0456.

X Any additional filing fees required under 37 C.F.R. 1.16.

X Any patent application processing fees under 37 C.F.R. 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 C.F.R. 1.136(a)(3)).

Andrew M. Calderon  
Registration No.38, 093

P27191.A04



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of Docket No.: P27191  
Douglas D. COOLBAUGH et al. Confirmation No. 1904  
Serial No.: 10/707,905 Group Art Unit: No. 2811  
Filed: January 23, 2004 Examiner: Shouxiang Hu  
For: **STRUCTURE AND METHOD FOR HYPER-ABRUPT JUNCTION VARACTORS**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Window, Mail Stop AF  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

**AMENDMENT UNDER 37 C.F.R. §1.116**

Sir:

In response to the Final Office Action dated August 29, 2005, please amend the above-identified application as follows.

If extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No. Account No. 09-0456.

Amendments to the claims are set forth on pages 2-5; and

Remarks begin on page 6.